

## SEARCH

| Class   | Sub.   | Date     | Exmr. |
|---------|--------|----------|-------|
| 100     | 26 #   | 12/31/02 | JN    |
|         | 31     |          |       |
|         | 32     |          |       |
|         | 33R    |          |       |
|         | 29     |          |       |
| 53      | 399    |          |       |
|         | 589    |          |       |
| updated | Search | 6/12/03  | JN    |
| updated | search | 12/31/03 | JN    |
| updated | above  | 10/7/04  | JTN   |
| 100     | 33PB.  | 10/7/04  | JTN   |

## INTERFERENCE SEARCHED

| Class | Sub.       | Date    | Exmr. |
|-------|------------|---------|-------|
| 100   | 26, 29, 31 | 10/6/04 | JTN   |
|       | 32, 33PB   |         |       |
| 53    | 399, 589   | 10/7/04 | JTN   |

## SEARCH NOTES

(List databases searched. Attach search strategy inside.)

|   | Date    | Exmr. |
|---|---------|-------|
| EAST Text Search                                    | 1/2/03  | JN    |
| Search USPAT, US PG-PUB, DERWENT, EPO, JPO database | 6/12/03 | JN    |
| Inventor name Search                                | 6/12/03 | JN    |
| Search OIR database                                 | 6/13/03 | JTN   |

BEST AVAILABLE COPY

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**